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```
RAW SEQUENCE LISTING                      DATE: 08/17/2004
PATENT APPLICATION:  US/10/660,893A       TIME: 08:45:28

     Input Set : A:\New Link, 0003.ST25.txt
     Output Set: N:\CRF4\08172004\J660893A.raw

 3 <110> APPLICANT: Link, Charles
 5 <120> TITLE OF INVENTION: Methods and Compositions for Elucidating Protein Expression
 6       Profiles in Cells
 8 <130> FILE REFERENCE: 05237.0003.CPUS00
10 <140> CURRENT APPLICATION NUMBER: US 10/660,893A
11 <141> CURRENT FILING DATE: 2003-09-12
13 <160> NUMBER OF SEQ ID NOS: 5
15 <170> SOFTWARE: PatentIn version 3.2
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 9
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Synthesized in laboratory
25 <400> SEQUENCE: 1
27 Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
28 1               5
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 10
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Synthesized in laboratory
39 <400> SEQUENCE: 2
41 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
42 1               5                   10
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 8
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Synthesized in laboratory
53 <400> SEQUENCE: 3
55 Asp Tyr Lys Asp Asp Asp Asp Lys
56 1               5
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 375
61 <212> TYPE: DNA
62 <213> ORGANISM: Homo sapiens
65 <220> FEATURE:
66 <221> NAME/KEY: misc_feature
67 <222> LOCATION: (3)..(4)
68 <223> OTHER INFORMATION: n is a, c, g, or t
```

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 70 <220> FEATURE:
 71 <221> NAME/KEY: misc_feature
 72 <222> LOCATION: (8)..(8)
 73 <223> OTHER INFORMATION: n is a, c, g, or t
 75 <220> FEATURE:
 76 <221> NAME/KEY: misc_feature
 77 <222> LOCATION: (350)..(350)
 78 <223> OTHER INFORMATION: n is a, c, g, or t
 80 <220> FEATURE:
 81 <221> NAME/KEY: misc_feature
 82 <222> LOCATION: (358)..(374)
 83 <223> OTHER INFORMATION: n is a, c, g, or t
 85 <400> SEQUENCE: 4
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--> `86 ttnnccgnga aagctcctcg cccttgctca ccatgggatg ccatttccta ggtctgcctc    60`
```
 88 ttggccgttt ttctccaatg gtctctgctt tcttctgggc tgctttagag gggctcttgt   120
 90 ttttgctgcc tttgggtctt cctctgggtc tcttaggaga gggctcacag gttggctctt   180
 92 gctgctgctt cctgggtcgg ccgcgtcctc gcttctgtgg caccggggcg gcaggttgtc   240
 94 cctgggctga tgtggacggc tgcccggcgc cctcaccgcg tgcgctcatc ctgcctcccg   300
```
--> `96 ccgccgctac cactgcctct cttttttttt tttttttttt tttttgaaan ccccgggnnn   360`
--> `98 nnnnnnnnnn nnnnc                                                    375`
```
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 333
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens
107 <220> FEATURE:
108 <221> NAME/KEY: misc_feature
109 <222> LOCATION: (3)..(3)
110 <223> OTHER INFORMATION: n is a, c, g, or t
112 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: (11)..(11)
115 <223> OTHER INFORMATION: n is a, c, g, or t
117 <220> FEATURE:
118 <221> NAME/KEY: misc_feature
119 <222> LOCATION: (106)..(106)
120 <223> OTHER INFORMATION: n is a, c, g, or t
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (116)..(116)
125 <223> OTHER INFORMATION: n is a, c, g, or t
127 <220> FEATURE:
128 <221> NAME/KEY: misc_feature
129 <222> LOCATION: (168)..(168)
130 <223> OTHER INFORMATION: n is a, c, g, or t
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (179)..(179)
135 <223> OTHER INFORMATION: n is a, c, g, or t
137 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 08/17/2004
PATENT APPLICATION: **US/10/660,893A**   TIME: 08:45:28

Input Set : **A:\New Link, 0003.ST25.txt**
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138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (204)..(204)
140 <223> OTHER INFORMATION: n is a, c, g, or t
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (221)..(221)
145 <223> OTHER INFORMATION: n is a, c, g, or t
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (224)..(224)
150 <223> OTHER INFORMATION: n is a, c, g, or t
152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <222> LOCATION: (231)..(231)
155 <223> OTHER INFORMATION: n is a, c, g, or t
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (254)..(254)
160 <223> OTHER INFORMATION: n is a, c, g, or t
162 <220> FEATURE:
163 <221> NAME/KEY: misc_feature
164 <222> LOCATION: (272)..(272)
165 <223> OTHER INFORMATION: n is a, c, g, or t
167 <220> FEATURE:
168 <221> NAME/KEY: misc_feature
169 <222> LOCATION: (275)..(275)
170 <223> OTHER INFORMATION: n is a, c, g, or t
172 <220> FEATURE:
173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (282)..(282)
175 <223> OTHER INFORMATION: n is a, c, g, or t
177 <220> FEATURE:
178 <221> NAME/KEY: misc_feature
179 <222> LOCATION: (285)..(286)
180 <223> OTHER INFORMATION: n is a, c, g, or t
182 <220> FEATURE:
183 <221> NAME/KEY: misc_feature
184 <222> LOCATION: (289)..(289)
185 <223> OTHER INFORMATION: n is a, c, g, or t
187 <220> FEATURE:
188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (292)..(293)
190 <223> OTHER INFORMATION: n is a, c, g, or t
192 <220> FEATURE:
193 <221> NAME/KEY: misc_feature
194 <222> LOCATION: (296)..(296)
195 <223> OTHER INFORMATION: n is a, c, g, or t
197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
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Input Set : **A:\New Link, 0003.ST25.txt**
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```
199 <222> LOCATION: (299)..(299)
200 <223> OTHER INFORMATION: n is a, c, g, or t
202 <220> FEATURE:
203 <221> NAME/KEY: misc_feature
204 <222> LOCATION: (301)..(301)
205 <223> OTHER INFORMATION: n is a, c, g, or t
207 <220> FEATURE:
208 <221> NAME/KEY: misc_feature
209 <222> LOCATION: (304)..(304)
210 <223> OTHER INFORMATION: n is a, c, g, or t
212 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (306)..(308)
215 <223> OTHER INFORMATION: n is a, c, g, or t
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (311)..(311)
220 <223> OTHER INFORMATION: n is a, c, g, or t
222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <222> LOCATION: (326)..(327)
225 <223> OTHER INFORMATION: n is a, c, g, or t
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (329)..(329)
230 <223> OTHER INFORMATION: n is a, c, g, or t
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (331)..(331)
235 <223> OTHER INFORMATION: n is a, c, g, or t
237 <220> FEATURE:
238 <221> NAME/KEY: misc_feature
239 <222> LOCATION: (333)..(333)
240 <223> OTHER INFORMATION: n is a, c, g, or t
242 <400> SEQUENCE: 5
W--> 243 tcngcgacca nctcctcgcc cttgctcacc atgggatgct cccggtggtg ggtcggtggt      60
W--> 245 ccctgggcag gggtctccaa atcccggacg agcccccaaa tgaaanaccc ccgtcntggg     120
W--> 247 tagtcaatca ctcagaggag accctcccaa ggaacagcga gaccactntt cggatgcana     180
W--> 249 cagcaagagg ctttattggg aatncgggta cccgggcgac ncantctatc ngaagactgg     240
W--> 251 cgttattttt tttntttttt tttttgaat tnccngggac anccnnctna gnntanctnc     300
W--> 253 nctntnnnct nccctcctta cttctnntnt ntn                                 333
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/17/2004
PATENT APPLICATION: US/10/660,893A   TIME: 08:45:29

Input Set : A:\New Link, 0003.ST25.txt
Output Set: N:\CRF4\08172004\J660893A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 3,4,8,350,358,359,360,361,362,363,364,365,366,367,368,369
Seq#:4; N Pos. 370,371,372,373,374
Seq#:5; N Pos. 7,11,106,116,168,179,204,221,224,231,254,272,275,282,285,286
Seq#:5; N Pos. 289,292,293,296,299,301,304,306,307,308,311,326,327,329,331
Seq#:5; N Pos. 333

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3

VERIFICATION SUMMARY   DATE: 08/17/2004
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Input Set : **A:\New Link, 0003.ST25.txt**
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```
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:300
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:360
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:60
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:120
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:180
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:240
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
```